

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 60204610
PUBLICATION DATE : 16-10-85

APPLICATION DATE : 30-03-84
APPLICATION NUMBER : 59062902

APPLICANT : PENTEL KK;

INVENTOR : OKABAYASHI HIROAKI;

INT.CL. : C01B 31/08 B01J 20/20

TITLE : MANUFACTURE OF FORMED ARTICLE OF ACTIVATED CARBON

ABSTRACT : PURPOSE: To produce formed activated carbon containing powdery activated carbon dispersed in a carbon skeleton having air-permeable pores, by using an organic binder and a powdery activated carbon coated with a depolymerizable organic material as raw materials, kneading and forming the materials, and carbonizing the formed mixture.

CONSTITUTION: Powdery activated carbon is coated with a depolymerizable organic material such as polyethylene, polypropylene, polybutadiene, etc. The amount of the organic material is 5-100pts.wt. per 100pts. of the activated carbon. The powdery activated carbon and an organic binder forming a carbon skeleton are used as main materials, and are kneaded and formed. The objective formed activated carbon containing powdery activated carbon dispersed in a carbon skeleton having air-permeable pores can be produced by carbonizing the formed mixture. The formed activated carbon has the function of activated carbon as well as the strength of the formed article.

COPYRIGHT: (C)1985,JPO&Japio